

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12121	((424/401) or (424/439) or (424/440) or (424/48) or (424/49) or (424/197.1) or (424/53) or (514/715)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/04 19:40
L2	2	(isopulegyl adj methyl adj ether) or "1-(3, 3-dimethylcyclohexyl)ethyl"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:41
L3	2	I1 and I2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:43
L4	59	\$3menthyl near3 ether	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:44
L5	7	I1 and I4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:51
L6	424	surburg.in. or machinek.in. or loges.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:52
L7	6	I1 and I6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:54
L8	36	"2-isopropylcyclohexyl" or ("3,3, 5-trimethylcyclohexyl" near2 ether)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:56
L9	4	I1 and I8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:58

L10	1618121	clearing or cooling or refreshing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 19:59
L11	51	l10 and (l4 or l8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 21:21
L12	7	(("6231900") or ("4130509") or ("3993604")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/04 23:45
L13	24085	toothpaste or mouthwash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 23:24
L14	2788	l1 and l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 23:24
L15	4	l4 and l14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 23:24
L16	9	l4 and l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/04 23:48
L17	22	l8 and l13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 00:15
L18	3373	anethol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 00:15
L19	995	l13 and l18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 00:16

L20	108	I13 same I18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 00:21
L21	46	I10 and I20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 00:21

10/626,178

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Dec 2, 2005 (20051202/UP).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.18

1.25

FILE 'REGISTRY' ENTERED AT 00:00:41 ON 05 DEC 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 2 DEC 2005 HIGHEST RN 869276-67-5
DICTIONARY FILE UPDATES: 2 DEC 2005 HIGHEST RN 869276-67-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

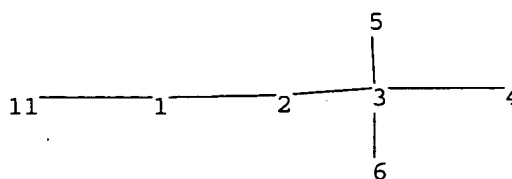
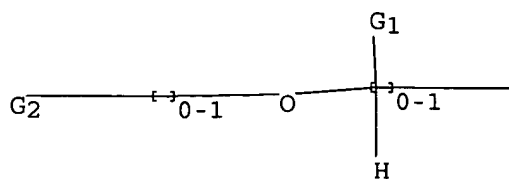
=> screen 1992 OR 2005 OR 2016 OR 2021 OR 2026 OR 1929 OR 1839

L4 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10626178c.str

10/626,178



chain nodes :

1 2 3 5 6 11

ring nodes :

4

chain bonds :

1-2 1-11 2-3 3-4 3-5 3-6

exact/norm bonds :

1-2 1-11 2-3 3-5

exact bonds :

3-4 3-6

G1:CH3,Et,n-Pr,i-Pr

G2:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

1:CLASS 2:CLASS 3:CLASS 4:Atom 5:CLASS 6:CLASS 11:CLASS

L5 STRUCTURE UPLOADED

=> que L5 NOT L4

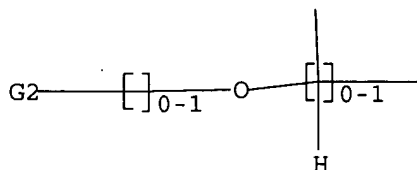
L6 QUE L5 NOT L4

=> d

L6 HAS NO ANSWERS

L4 SCR 1992 OR 2005 OR 2016 OR 2021 OR 2026 OR 1929 OR 1839

L5 STR



G1 Me,Et,n-Pr,i-Pr

G2 Me,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Structure attributes must be viewed using STN Express query preparation.

L6 QUE L5 NOT L4

=> s 16

SAMPLE SEARCH INITIATED 00:01:10 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7137 TO ITERATE

28.0% PROCESSED 2000 ITERATIONS

50 ANSWERS

10/626,178

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 137676 TO 147804
PROJECTED ANSWERS: 4177 TO 6099

L7 50 SEA SSS SAM L5 NOT L4

=> s l6 full
FULL SEARCH INITIATED 00:01:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 142255 TO ITERATE

100.0% PROCESSED 142255 ITERATIONS 5256 ANSWERS
SEARCH TIME: 00.00.01

L8 5256 SEA SSS FUL L5 NOT L4

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 161.33 162.58

FILE 'CAPLUS' ENTERED AT 00:01:27 ON 05 DEC 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 2 Dec 2005 (20051202/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l8 and (mouthwash or toothpaste)
28156 L8
1647 MOUTHWASH
3134 TOOTHPASTE
L9 43 L8 AND (MOUTHWASH OR TOOTHPASTE)

=> dup rem l9
PROCESSING COMPLETED FOR L9
L10 42 DUP REM L9 (1 DUPLICATE REMOVED)

=> s l10 and 1700-2001/py
L11 42 S L10
21804307 1700-2001/PY
L12 30 L11 AND 1700-2001/PY

10/626,178

=> d scan

L12 30 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
IC ICM A61K007-16
ICS A61K007-26
CC 62-7 (Essential Oils and Cosmetics)
TI Dentifrices, mouthwashes and other oral compositions
ST dentifrice flavor sweetener; **mouthwash** flavor sweetener; flavor
dentifrice **mouthwash**; sweetener dentifrice **mouthwash**
IT Oils
RL: BIOL (Biological study)
(anise, dentifrice and **mouthwash** containing)
IT Oils
RL: BIOL (Biological study)
(cassia, dentifrice and **mouthwash** containing)
IT Monellins
RL: BIOL (Biological study)
(dentifrice and **mouthwash** containing)
IT Stevia
(extract, dentifrice and **mouthwash** containing)
IT Oils
RL: BIOL (Biological study)
(fennel, dentifrice and **mouthwash** containing)
IT Dentifrices
Mouthwashes
(flavors and sweeteners for)
IT Flavoring materials
Sweetening agents
(for dentifrices and mouthwashes)
IT Licorice
RL: BIOL (Biological study)
(roots, extract of, dentifrice and **mouthwash** containing)
IT Proteins
RL: BIOL (Biological study)
(thaumatococins, dentifrice and **mouthwash** containing)
IT 85-55-2 99-49-0 **104-46-1** 104-55-2 105-54-4 107-31-3
109-94-4 119-36-8 638-49-3 2216-51-5 27354-37-6 30950-27-7
33650-66-7 33665-90-6 33666-00-1 37948-77-9 53956-04-0
57817-89-7 58543-16-1 68039-19-0 68165-54-8 82289-65-4
RL: BIOL (Biological study)
(dentifrice and **mouthwash** containing)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d 1-30 bib fhitr

L12 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:771007 CAPLUS
DN 135:322571
TI Oral hygiene compositions which mask the burn sensation and the
astringency of eucalyptol and zinc
IN Stier, Roger E.; Zanone, John
PA Noville Inc., USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6306372	B1	20011023	US 2000-598932	20000621 <--

10/626,178

PRAI US 2000-598932

20000621

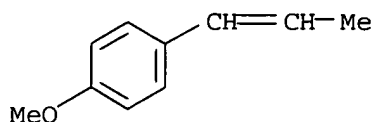
IT 104-46-1, Anethole

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(oral hygiene compns. which mask the burn sensation and the astringency of eucalyptol and zinc)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:609851 CAPLUS

DN 135:185259

TI Dentifrices containing antiplasmin and cationic polymers

IN Nishinaga, Eiji; Yoshimura, Masanori; Sano, Hiroshi; Kikuchi, Yasuo

PA Lion Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001226244	A2	20010821	JP 2000-403639	20001130 <--
PRAI	JP 1999-376354	A	19991208		

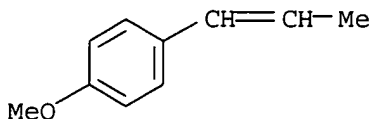
IT 104-46-1, Anethole

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(dentifrices containing antiplasmin and cationic polymers and flavors)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:434829 CAPLUS

DN 135:24450

TI **Toothpaste** compositions containing enzymes and flavors

IN Sano, Hiroshi; Nishinaga, Eiji; Kikuchi, Yasuo; Yoshimura, Masaki

PA Lion Corporation, Japan

SO PCT Int. Appl., 21 pp.

CODEN: PIXXD2

DT Patent

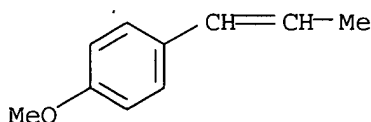
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----

10/626,178

PI WO 2001041726 A1 20010614 WO 2000-JP8636 20001207 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,
SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
JP 2002187829 A2 20020705 JP 2000-360896 20001128
AU 2001017319 A5 20010618 AU 2001-17319 20001207 <--
EP 1236461 A1 20020904 EP 2000-979952 20001207
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
PRAI JP 1999-376353 A 19991208
JP 2000-310936 A 20001011
WO 2000-JP8636 W 20001207
IT 104-46-1, Anethole
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(dentifrices containing enzymes and cationic polymers and flavors)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)

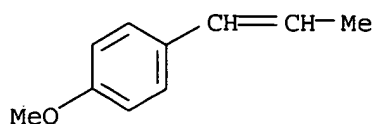


RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:191987 CAPLUS
DN 134:227159
TI Dentifrice solutions containing surfactant combinations and oil-soluble
components
IN Kamimura, Sukehisa
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

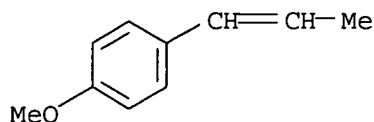
PI JP 2001072559 A2 20010321 JP 1999-248685 19990902 <--
PRAI JP 1999-248685 19990902
IT 104-46-1, Anethole
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(stable mouthwashes containing surfactant combinations and oil-soluble
components)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)

10/626,178



L12 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:467809 CAPLUS
DN 133:94324
TI System for delivering foamed oral hygiene compositions
IN Saferstein, Albert; Fores, Gary Gerard
PA Oralcare Systems, Inc., USA
SO U.S., 8 pp., U.S., 8 pp., Cont.-in-part of U.S. 5,665,332.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6086856	A	20000711	US 1995-530078	19950919 <--
	US 5665332	A	19970909	US 1994-218796	19940328 <--
PRAI	US 1994-218796	A2	19940328		
IT	104-46-1, Anethole; RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (dentifrices containing foaming surfactants and antimicrobial agents in air-driven dispenser)				
RN	104-46-1 CAPLUS				
CN	Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)				



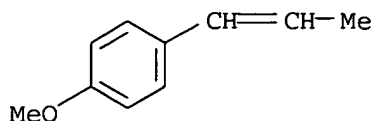
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:747377 CAPLUS
DN 131:355937
TI Stable antibacterial dentifrice compositions containing triclosan,
surfactants, and anethole
IN Ogawa, Yuka
PA Sunstar, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11322553	A2	19991124	JP 1998-140627	19980506 <--
PRAI	JP 1998-140627		19980506		
IT	104-46-1, Anethole RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (stable antibacterial dentifrices containing triclosan, surfactants, and				

10/626,178

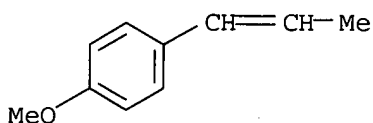
anethole)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:583114 CAPLUS
DN 131:189515
TI Dentifrices containing zinc compounds, polyhydric alcohols, and anethole
IN Takatsuka, Tsutomu; Nakao, Akira
PA Sunstar, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11246376	A2	19990914	JP 1998-63992	19980227 <--
	JP 2004203894	A2	20040722	JP 2004-115468	20040409
PRAI	JP 1998-63992	A3	19980227		

IT **104-46-1**, Anethole
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(dentifrices containing zinc compds. and polyhydric alcs. and anethole and
fluorides)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:49159 CAPLUS
DN 130:172808
TI Flavor-stabilized dentifrices
IN Kan, Yoshio
PA Sunstar, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11012145	A2	19990119	JP 1997-180748	19970619 <--
PRAI	JP 1997-180748		19970619		

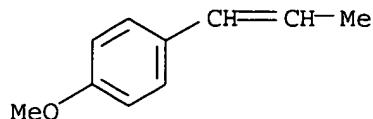
IT **104-46-1**, Anethole
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
THU (Therapeutic use); BIOL (Biological study); USES (Uses)

10/626,178

(limonene, isomenthone, and anethole for stabilization of mint flavor
in dentifrices containing CaCO₃)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1998:430642 CAPLUS

DN 129:85850

TI Dentifrice compositions containing triclosan, sodium bicarbonate, and
fragrances for bad breath control

IN Yoshie, Makoto; Ikenishi, Takeki; Kikuchi, Yasuo; Fukasawa, Tetsu

PA Lion Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10182384	A2	19980707	JP 1996-356310	19961225 <--
	JP 3599078	B2	20041208		
PRAI	JP 1996-356310		19961225		

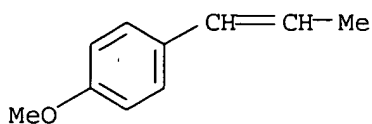
IT 104-46-1, Anethole

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); BUU (Biological use, unclassified); BIOL (Biological
study); USES (Uses)

(dentifrices containing triclosan, NaHCO₃, menthol, and other fragrances
for bad breath control)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1998:402745 CAPLUS

DN 129:71979

TI Discoloration-resistant dentifrices containing bioactive glass

IN Inoue, Tamae

PA Sunstar K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

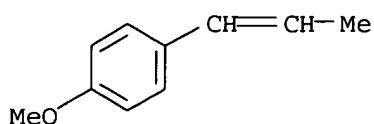
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10167941	A2	19980623	JP 1996-352034	19961210 <--
PRAI	JP 1996-352034		19961210		

10/626,178

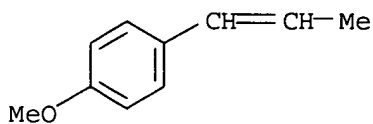
IT 104-46-1, Anethole
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(discoloration-resistant dentifrices containing bioactive glass for
hydroxyapatite formation)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:803506 CAPLUS
DN 128:53079
TI Liquid dentifrice with **mouthwash** fresh taste
IN Garlick, Theodore Harrison, Jr.; Williams, David Robert; Ziemkiewicz,
Alexander George
PA Chesebrough-Pond's USA Co., USA
SO U.S., 5 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5695746	A	19971209	US 1995-508768	19950728 <--
PRAI	US 1995-508768		19950728		

IT 104-46-1, Anethole
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(liquid dentifrice with **mouthwash** fresh taste)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)

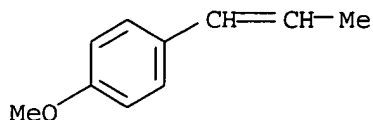


L12 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:618657 CAPLUS
DN 127:267847
TI Dentifrice compositions containing easily decomposable microcapsules and
fragrant substances
IN Takahashi, Hirokazu; Arai, Kenichi
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----

10/626,178

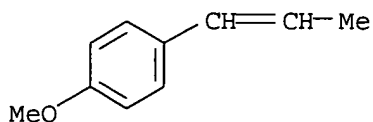
PI JP 09241139 A2 19970916 JP 1996-80819 19960307 <--
PRAI JP 1996-80819 19960307
IT **104-46-1**, Anethole
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(dentifrices containing easily decomposable microcapsules and fragrant
substances)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:587606 CAPLUS
DN 127:238934
TI Toothpastes containing polyoxyethylene-polyoxypropylene block
copolymer-type surfactants, anionic polymer binders, and flavoring agents
IN Kato, Kazuhiko; Yoshida, Hidenori; Katayama, Yasushi; Kamimura, Hirohisa;
Eguchi, Yasuteru
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09227349	A2	19970902	JP 1996-37788	19960226 <--
PRAI	JP 1996-37788		19960226		

IT **104-46-1**, Anethole
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(flavor-improved toothpastes containing polyoxyethylene-polyoxypropylene
block copolymer nonionic surfactants, anionic polymer binders, and
flavoring agents)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



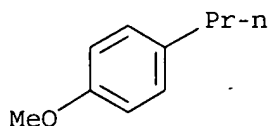
L12 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1997:94109 CAPLUS
Correction of: 1996:449693
DN 126:108688
Correction of: 125:95620
TI Antiplaque, antigingivitis oral compositions containing phosphates and
copper sources
IN Sanker, Lowell Alan; Upson, James Grigg
PA Procter and Gamble Company, USA
SO PCT Int. Appl., 17 pp.

10/626,178

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

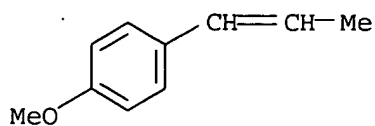
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9615768	A1	19960530	WO 1995-US14013	19951027 <--
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, UZ, VN				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9540160	A1	19960617	AU 1995-40160	19951027 <--
	US 5628986	A	19970513	US 1996-632936	19960416 <--
PRAI	US 1994-341716	A	19941118		
	WO 1995-US14013	W	19951027		
IT	104-45-0				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (as flavoring agent; antiplaque, antigingivitis dentifrices containing phosphates and copper sources)				
RN	104-45-0 CAPLUS				
CN	Benzene, 1-methoxy-4-propyl- (9CI) (CA INDEX NAME)				



L12 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:437976 CAPLUS
DN 125:95619
TI Antimicrobial oral compositions containing quaternary ammonium compounds, essential oils, and surfactants
IN Leung, Sau-Hung S.; Leone, Robert
PA Warner-Lambert Company, USA
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9615770	A1	19960530	WO 1995-US12850	19951005 <--
	W: AU, CA, JP, MX, NZ, SG				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9538903	A1	19960617	AU 1995-38903	19951005 <--
	ZA 9509764	A	19960529	ZA 1995-9764	19951116 <--
PRAI	US 1994-340921	A	19941117		
	WO 1995-US12850	W	19951005		
IT	104-46-1, Anethole				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (taste-masked antimicrobial dentifrices containing quaternary ammonium compds. and essential oils and surfactants)				
RN	104-46-1 CAPLUS				
CN	Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)				

10/626,178



L12 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1996:417858 CAPLUS

DN 125:67295

TI Oral compositions containing ascorbic acid phosphate ester as active oxygen scavengers for periodontal disease control

IN Kataoka, Shinsuke; Ehata, Keiko

PA Lion Corp, Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08099849	A2	19960416	JP 1994-261226	19940930 <--
	JP 3582537	B2	20041027		
PRAI	JP 1994-261226		19940930		

IT 104-46-1, Anethole

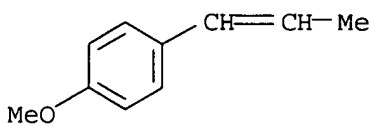
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(oral compns. containing ascorbic acid phosphate esters as active oxygen scavengers for periodontal disease control)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1993:678395 CAPLUS

DN 119:278395

TI Mouthwash and mouthspray.

IN Kerekes Szilagyi, Ani; Kerekes, Ildiko; Kerekes, Gyoergy

PA Hung.

SO Hung. Teljes, 10 pp.

CODEN: HUXXB

DT Patent

LA Hungarian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 63322	A2	19930830	HU 1991-3786	19911204 <--
	HU 210629	B	19950628		
PRAI	HU 1991-3786		19911204		

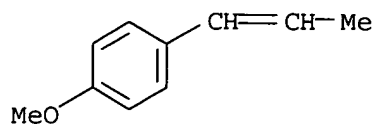
IT 104-46-1, Anethole

RL: USES (Uses)

(mouthwash and mouthspray containing)

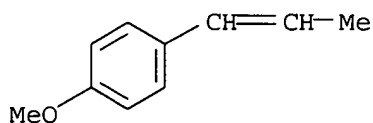
RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1993:434130 CAPLUS
 DN 119:34130
 TI Liquid oral compositions comprising deterpenated and fractionated flavor oils
 IN Hussein, Mamoun M.; Barcelon, Shirley A.; Carlin, Edward J.
 PA Warner-Lambert Co., USA
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9308792	A1	19930513	WO 1992-US8161	19920924 <--
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	US 5298238	A	19940329	US 1991-790620	19911107 <--
	AU 9227753	A1	19930607	AU 1992-27753	19920924 <--
PRAI	US 1991-790620	A	19911107		
	WO 1992-US8161	A	19920924		
IT	104-46-1, Anethole				
	RL: BIOL (Biological study)				
	(hygienic oral composition containing)				
RN	104-46-1 CAPLUS				
CN	Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)				

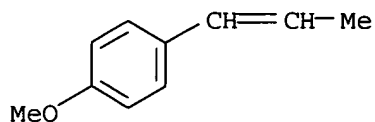


L12 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 1990:429142 CAPLUS
 DN 113:29142
 TI Stable dentifrices containing mutanase
 IN Otsuki, Hidehiko; Tanii, Sayuri; Ozawa, Akiko
 PA Sunstar, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

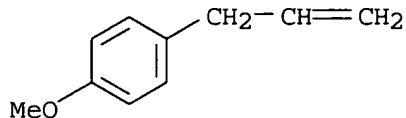
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02045413	A2	19900215	JP 1988-197327	19880808 <--
PRAI	JP 1988-197327		19880808		
IT	104-46-1, Anethole				
	RL: BIOL (Biological study)				
	(dentifrices containing, stable)				

10/626,178

RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1990:156915 CAPLUS
DN 112:156915
TI The yield and components of essential oil in fennels of different origin
(*Foeniculum vulgare* Mill.) grown in Ankara conditions
AU Arslan, N.; Bayrak, A.; Akgul, A.
CS Fac. Agric., Ankara Univ., Ankara, Turk.
SO *Herba Hungarica* (1989), 28(3), 27-31
CODEN: HEHUAW; ISSN: 0018-0580
DT Journal
LA English
IT 140-67-0, Estragole
RL: BIOL (Biological study)
(of fennel seed essential oils, variety and origin in relation to)
RN 140-67-0 CAPLUS
CN Benzene, 1-methoxy-4-(2-propenyl)- (9CI) (CA INDEX NAME)

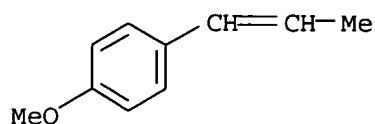


L12 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1990:11809 CAPLUS
DN 112:11809
TI Deodorizing oral compositions containing copper compounds and flavoring
materials
IN Hayashi, Rieko; Shinho, Koichi
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01153622	A2	19890615	JP 1987-313261	19871211 <--
	JP 2580648	B2	19970212		
PRAI	JP 1987-313261		19871211		

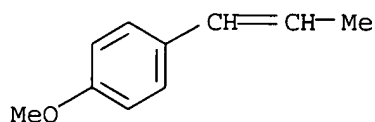
IT 104-46-1, Anethole
RL: BIOL (Biological study)
(dentifrices containing copper compds. and resins and oils and)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)

10/626,178



L12 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1988:118764 CAPLUS
DN 108:118764
TI Antibacterial oral compositions containing linear and cyclic
polyphosphates for the prevention of calculus and periodontal diseases
IN Miyake, Mikio; Takahashi, Akinori
PA Lion Corp., Japan
SO Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 254452	A2	19880127	EP 1987-306049	19870708 <--
	EP 254452	A3	19880518		
	EP 254452	B1	19931201		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 63030408	A2	19880209	JP 1986-174026	19860724 <--
	JP 07091177	B4	19951004		
	AT 97801	E	19931215	AT 1987-306049	19870708 <--
	US 4913895	A	19900403	US 1987-76211	19870722 <--
PRAI	JP 1986-174026	A	19860724		
	EP 1987-306049	A	19870708		
IT	104-46-1, Anethol				
	RL: BIOL (Biological study)				
	(dentifrices containing polyphosphates and)				
RN	104-46-1 CAPLUS				
CN	Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)				

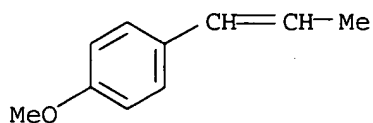


L12 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1987:623081 CAPLUS
DN 107:223081
TI Dentifrices containing glycyrrhetinic acid, flavors, and oils
IN Fukuchi, Naoji; Yoshida, Fumio; Ito, Satoshi; Suganuma, Nobuo
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62155207	A2	19870710	JP 1985-299158	19851227 <--
	JP 05060445	B4	19930902		
PRAI	JP 1985-299158		19851227		

10/626,178

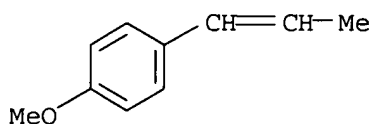
IT 104-46-1, Anethole
RL: BIOL (Biological study)
(dentifrices containing glycyrrhetic acid derivative and essential oil
and)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1987:412682 CAPLUS
DN 107:12682
TI Compositions for oral hygiene
IN Naganuma, Takeshi; Nishida, Natsumi; Ozawa, Toshiyuki
PA Lion Corp., Japan
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3618866	A1	19861211	DE 1986-3618866	19860605 <--
	DE 3618866	C2	19880707		
	JP 61286315	A2	19861216	JP 1985-125811	19850610 <--
PRAI	JP 1985-125811	A	19850610		

IT 104-46-1, Anethole
RL: BIOL (Biological study)
(oral hygiene composition containing Astragalus extract and, for tooth
cleaning)
RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:10420 CAPLUS
DN 104:10420
TI Dentifrices, mouthwashes and other oral compositions
PA Lion Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 19 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60130509	A2	19850712	JP 1983-238891	19831220 <--
PRAI	JP 1983-238891		19831220		

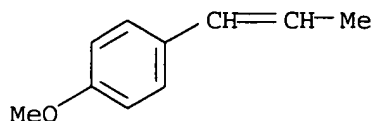
IT 104-46-1

10/626,178

RL: BIOL (Biological study)
(dentifrice and **mouthwash** containing)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 26 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1985:411221 CAPLUS

DN 103:11221

TI Effect of some components of flavoring compositions for toothpastes on foaming

AU Radeva, G.; Vlahliiska, T.; Tolev, R.; Atanasov, B.; Kirova, E.; Boyanova, V.; Levchev, V.

CS Bulg.

SO Trudove na Nauchnoizsledovatel'skiya Khimikofarmatsevtichen Institut (1984), 14, 85-92

CODEN: TKZGAG; ISSN: 0371-8972

DT Journal

LA Bulgarian

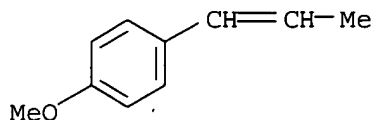
IT 104-46-1

RL: BIOL (Biological study)

(**toothpaste** flavoring component, foaming in relation to)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1984:543214 CAPLUS

DN 101:143214

TI Coupling of high-performance liquid chromatography with capillary gas chromatography

AU Grob, K., Jr.; Froehlich, D.; Schilling, B.; Neukom, H. P.; Naegeli, P.

CS Kantonal Labor, Zurich, CH-8030, Switz.

SO Journal of Chromatography (1984), 295(1), 55-61

CODEN: JOCRAM; ISSN: 0021-9673

DT Journal

LA English

IT 104-46-1

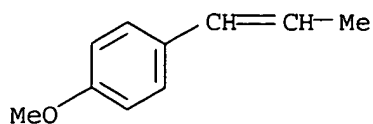
RL: ANST (Analytical study); PROC (Process)

(identification of, in **toothpaste** by coupled HPLC-gas chromatog.-mass spectroscopy)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)

10/626,178



L12 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1980:592041 CAPLUS

DN 93:192041

TI Product for oral hygiene and tooth care

IN Ray, Alok Kumar; Watson, Charles Andrew

PA Unilever N. V., Neth.

SO Ger. Offen., 14 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2944021	A1	19800514	DE 1979-2944021	19791031 <--
	FR 2440189	A1	19800530	FR 1979-26869	19791030 <--
	GB 2035084	A	19800618	GB 1979-37628	19791031 <--
	GB 2035084	B2	19830209		
	CA 1120861	A1	19820330	CA 1979-338888	19791031 <--
PRAI	GB 1978-42818	A	19781101		

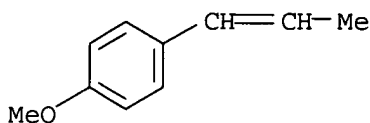
IT 104-46-1

RL: BIOL (Biological study)

(bitterness of chlorhexidine in mouth preps. masking by compns. containing)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1979:409357 CAPLUS

DN 91:9357

TI Saccharin-free dentifrices

IN Sato, Hiroshi; Iio, Isao; Suganuma, Nobuo; Yoshida, Fumio; Gomi, Tetsuo; Anzai, Masabumi

PA Lion Dentifrice Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54026339	A2	19790227	JP 1977-90800	19770728 <--
	JP 62015522	B4	19870408		
PRAI	JP 1977-90800	A	19770728		

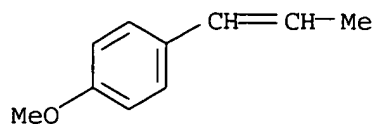
IT 104-46-1

RL: BIOL (Biological study)

(as sweetener, for dentifrices)

10/626,178

RN 104-46-1 CAPLUS
CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1978:54995 CAPLUS

DN 88:54995

TI Saccharin-free dentifrices

IN Maekawa, Kiyoshi; Tokumaru, Teruhito

PA Sunstar, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52125639	A2	19771021	JP 1976-41479	19760412 <--
	JP 54031046	B4	19791004		
PRAI	JP 1976-41479	A	19760412		

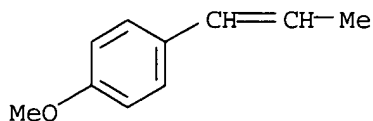
IT 104-46-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(in dentifrices with menthol)

RN 104-46-1 CAPLUS

CN Benzene, 1-methoxy-4-(1-propenyl)- (9CI) (CA INDEX NAME)



=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

109.17

271.75

FILE 'STNGUIDE' ENTERED AT 00:03:42 ON 05 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Dec 2, 2005 (20051202/UP).

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> set auhelp off; set smart off; set msteps off; set expand cont; set audit off;
del sel y

10/626,178

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=> FILE CAPLUS,WPINDEX

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.90	272.65

FILE 'CAPLUS' ENTERED AT 00:12:42 ON 05 DEC 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 5 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 4 Dec 2005 (20051204/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> S JP 60130509/PN,APPS

	1 JP 60130509/PN
	(JP60130509/PN)
	0 JP 60130509/AP
	0 JP 60130509/PRN
	0 JP 60130509/APPS
	(JP 60130509/AP,PRN)
L13	1 JP 60130509/PN,APPS

=> FILE INPADOC

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
----------------------	------------	-------

10/626,178

	ENTRY	SESSION
FULL ESTIMATED COST	6.12	278.77

FILE 'INPADOC' ENTERED AT 00:12:44 ON 05 DEC 2005
COPYRIGHT (C) 2005 European Patent Office, Vienna (EPO)

FILE LAST UPDATED: 1 DEC 2005 <20051201/UP>
2 DEC 2005 <20051202/UPLS>
MOST RECENT INPADOC WEEK: 200548 <200548/EW>
FILE COVERS 1968 TO DATE.

***** Important announcement about missing bibliographic data in INPADOC: *****

Due to a processing error by the EPO, the producer of INPADOC, some bibliographic data is missing from INPADOC from week 39/2005 onwards (from STN update September 30, 2005 onwards). Over 580 000 publications have already been affected. Data from these updates is missing for the following fields: /IN (inventor names, non-standardized); /PA (patent assignee names, non-standardized); /AB (abstracts); /DS (designated states).

Please note that

a) only a part of the records in these updates is affected, and
b) standardised inventor and patent assignee/applicant names are fully covered (fields /INS, /PAS).

The EPO has promised to resend the updates for the impacted records, and has set a target date for redelivery during their production week 49/2005 (week beginning 5 December 2005).

Watch this space for further information.

We apologise to our users for the inconveniences caused.

>>> Total replacement of Canadian legal status data.
New reload starts with week 2005/47. <<<

>>> PLEASE BE AWARE OF THE NEW IPC REFORM IN 2006, SEE
http://www.stn-international.de/stndatabases/details/ipc_reform.html <

>>> The INPADOC week 44/2005 has been reprocessed with UP=20051121.
SDIs will run free of charge for this update.<<<

=> TRA L13 PN

L14 TRANSFER L13 1- PN : 1 TERM
L15 1 L14

=>

=> S L15 AND US/PC

4387735 US/PC
L16 0 L15 AND US/PC

=> SEL PN

L16 HAS NO ANSWERS

=> S L15 AND ZA/PC

205295 ZA/PC
L17 0 L15 AND ZA/PC

=> SEL PN

10/626,178

L17 HAS NO ANSWERS

=> S L15 AND EP/PC AND EN/LA

1601665 EP/PC

2856002 EN/LA

L18 0 L15 AND EP/PC AND EN/LA

=> SEL PN

L18 HAS NO ANSWERS

=> S L15 AND WO/PC AND EN/LA

1052740 WO/PC

2856002 EN/LA

L19 0 L15 AND WO/PC AND EN/LA

=> SEL PN

L19 HAS NO ANSWERS

=> S L15 AND AU/PC

928468 AU/PC

L20 0 L15 AND AU/PC

=> SEL PN

L20 HAS NO ANSWERS

=> S L15 AND CA/PC AND EN/LA

923148 CA/PC

2856002 EN/LA

L21 0 L15 AND CA/PC AND EN/LA

=> SEL PN

L21 HAS NO ANSWERS

=> D SELECT

NO E# DEFINED

No English language equivalents could be found for this Patent Number

=> set auhelp login; set smart login; set msteps login; set expand login; set
audit login

=> SET NOTICE LOGIN DISPLAY

SET COMMAND COMPLETED

SET COMMAND COMPLETED

10/626,178

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=>

NOTICE SET TO OFF FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> set auhelp off; set smart off; set msteps off; set expand cont; set audit off;
del sel y

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=> FILE CAPLUS,WPINDEX

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.52	294.12

FILE 'CAPLUS' ENTERED AT 00:15:06 ON 05 DEC 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 5 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 4 Dec 2005 (20051204/ED)

10/626,178

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> S HU 63322/PN,APPS

1 HU 63322/PN
 (HU63322/PN)
0 HU 63322/AP
0 HU 63322/PRN
0 HU 63322/APPS
 (HU 63322/AP,PRN)
L22 1 HU 63322/PN,APPS

=> FILE INPADOC

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.12	300.24

FILE 'INPADOC' ENTERED AT 00:15:08 ON 05 DEC 2005
COPYRIGHT (C) 2005 European Patent Office, Vienna (EPO)

FILE LAST UPDATED: 1 DEC 2005 <20051201/UP>
2 DEC 2005 <20051202/UPLS>
MOST RECENT INPADOC WEEK: 200548 <200548/EW>
FILE COVERS 1968 TO DATE.

***** Important announcement about missing bibliographic data in INPADOC: *****

Due to a processing error by the EPO, the producer of INPADOC, some bibliographic data is missing from INPADOC from week 39/2005 onwards (from STN update September 30, 2005 onwards). Over 580 000 publications have already been affected. Data from these updates is missing for the following fields: /IN (inventor names, non-standardized); /PA (patent assignee names, non-standardized); /AB (abstracts); /DS (designated states).

Please note that

a) only a part of the records in these updates is affected, and
b) standardised inventor and patent assignee/applicant names are fully covered (fields /INS, /PAS).

The EPO has promised to resend the updates for the impacted records, and has set a target date for redelivery during their production week 49/2005 (week beginning 5 December 2005). Watch this space for further information.

We apologise to our users for the inconveniences caused.

>>> Total replacement of Canadian legal status data.
New reload starts with week 2005/47. <<<

>>> PLEASE BE AWARE OF THE NEW IPC REFORM IN 2006, SEE
http://www.stn-international.de/stndatabases/details/ipc_reform.html <

>>> The INPADOC week 44/2005 has been reprocessed with UP=20051121.
SDIs will run free of charge for this update.<<<

=> TRA L22 PN

L23 TRANSFER L22 1- PN : 2 TERMS

10/626,178

L24 1 L23

=>

=> S L24 AND US/PC

4387735 US/PC
L25 0 L24 AND US/PC

=> SEL PN

L25 HAS NO ANSWERS

=> S L24 AND ZA/PC

205295 ZA/PC
L26 0 L24 AND ZA/PC

=> SEL PN

L26 HAS NO ANSWERS

=> S L24 AND EP/PC AND EN/LA

1601665 EP/PC
2856002 EN/LA
L27 0 L24 AND EP/PC AND EN/LA

=> SEL PN

L27 HAS NO ANSWERS

=> S L24 AND WO/PC AND EN/LA

1052740 WO/PC
2856002 EN/LA
L28 0 L24 AND WO/PC AND EN/LA

=> SEL PN

L28 HAS NO ANSWERS

=> S L24 AND AU/PC

928468 AU/PC
L29 0 L24 AND AU/PC

=> SEL PN

L29 HAS NO ANSWERS

=> S L24 AND CA/PC AND EN/LA

923148 CA/PC
2856002 EN/LA
L30 0 L24 AND CA/PC AND EN/LA

=> SEL PN

L30 HAS NO ANSWERS

=> D SELECT

10/626,178

NO E# DEFINED

No English language equivalents could be found for this Patent Number

=> set auhelp login; set smart login; set msteps login; set expand login; set
audit login

=> SET NOTICE LOGIN DISPLAY

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=>

NOTICE SET TO OFF FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> d his

(FILE 'HOME' ENTERED AT 23:57:59 ON 04 DEC 2005)

FILE 'REGISTRY' ENTERED AT 23:58:09 ON 04 DEC 2005

L1 STRUCTURE UPLOADED

L2 QUE L1

L3 50 S L2

FILE 'STNGUIDE' ENTERED AT 23:59:08 ON 04 DEC 2005

FILE 'REGISTRY' ENTERED AT 00:00:41 ON 05 DEC 2005

L4 SCREEN 1992 OR 2005 OR 2016 OR 2021 OR 2026 OR 1929 OR 18

L5 STRUCTURE UPLOADED

L6 QUE L5 NOT L4

L7 50 S L6

L8 5256 S L6 FULL

FILE 'CAPLUS' ENTERED AT 00:01:27 ON 05 DEC 2005

L9 43 S L8 AND (MOUTHWASH OR TOOTHPASTE)

L10 42 DUP REM L9 (1 DUPLICATE REMOVED)

L11 42 S L10

L12 30 S L10 AND 1700-2001/PY

FILE 'STNGUIDE' ENTERED AT 00:03:42 ON 05 DEC 2005

SET NOTICE DISPLAY 1

SET AUHELP OFF

SET SMART OFF

SET MSTEPS OFF

SET EXPAND CONT

SET AUDIT OFF

10/626,178

DEL SEL Y

L13 FILE 'CAPLUS' ENTERED AT 00:12:42 ON 05 DEC 2005
1 S JP 60130509/PN,APPS

FILE 'INPADOC' ENTERED AT 00:12:44 ON 05 DEC 2005

L14 FILE 'CAPLUS' ENTERED AT 00:12:46 ON 05 DEC 2005
TRA L13 1- PN : 1 TERM

L15 FILE 'INPADOC' ENTERED AT 00:12:47 ON 05 DEC 2005
1 SEA L14
L16 0 S L15 AND US/PC
L17 0 S L15 AND ZA/PC
L18 0 S L15 AND EP/PC AND EN/LA
L19 0 S L15 AND WO/PC AND EN/LA
L20 0 S L15 AND AU/PC
L21 0 S L15 AND CA/PC AND EN/LA
SET AUHELP LOGIN
SET SMART LOGIN
SET MSTEPS LOGIN
SET EXPAND LOGIN
SET AUDIT LOGIN
SET NOTICE LOGIN DISPLAY
SET NOTICE DISPLAY 1
SET AUHELP OFF
SET SMART OFF
SET MSTEPS OFF
SET EXPAND CONT
SET AUDIT OFF
DEL SEL Y

L22 FILE 'CAPLUS' ENTERED AT 00:15:06 ON 05 DEC 2005
1 S HU 63322/PN,APPS

FILE 'INPADOC' ENTERED AT 00:15:08 ON 05 DEC 2005

L23 FILE 'CAPLUS' ENTERED AT 00:15:09 ON 05 DEC 2005
TRA L22 1- PN : 2 TERMS

L24 FILE 'INPADOC' ENTERED AT 00:15:11 ON 05 DEC 2005
1 SEA L23
L25 0 S L24 AND US/PC
L26 0 S L24 AND ZA/PC
L27 0 S L24 AND EP/PC AND EN/LA
L28 0 S L24 AND WO/PC AND EN/LA
L29 0 S L24 AND AU/PC
L30 0 S L24 AND CA/PC AND EN/LA
SET AUHELP LOGIN
SET SMART LOGIN
SET MSTEPS LOGIN
SET EXPAND LOGIN
SET AUDIT LOGIN
SET NOTICE LOGIN DISPLAY

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.88

312.95

STN INTERNATIONAL LOGOFF AT 00:15:42 ON 05 DEC 2005